10/553196

JCO3 Rec'd PCT/PTO 1 3 OCT 2 Poppennsylvania Avenue, NW Washington, DC 20037-3213



T 202.293.7060 F 202.293.7860

401 Castro Street Mountain View, CA 94041-2007 T 650.625.8100 F 650.625.8110

F 650.625.8110 AIG Bldg. 14F

> Japan T 03.5220.0200 F 03.5220.0222

1-1-3 Marunouchi Chiyoda-ku Tokyo 100-0005

John T. Callahan T (202) 663-7387 jcallahan@sughrue.com

October 13, 2005

MAIL STOP PCT

Commissioner for Patents P.O. BOX 1450 Alexandria, VA 22313-1450 PCT/JP2004/005081 -filed April 8, 2004

www.sughrue.com

Re:

Application of Akira HASEGAWA and Kazuyuki HIRAO

TITANIA NANOTUBE AND METHOD FOR PRODUCING THE SAME

Assignee:

SUMITOMO CHEMICAL COMPANY, LIMITED

Our Ref:

Q89903

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☑ a copy of the executed Declaration and Power of Attorney.
- ☑ an English translation of the International Application. Also enclosed is a copy of the first page of WO 2004/092072 A1.
- ☑ a copy of Notification Concerning Submission or Transmittal of Priority Document (Form PCT/IB/304).
- ☑ a copy of Notification of the Recording of a Change (Form PCT/IB/306).
- $\ \ \, \square$ a copy of the executed Assignment and PTO 1595 form.
- ☑ a copy of the ISR.
- ☑ a PTO/SB/08 A & B (modified) listing the ISR/IPER references.
- ☐ a Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).



JC09 Rec'd PCT/PTO 13 OCT 2005,

Commissioner for Patents October 13, 2005 Page 2

The Government filing fee is calculated, after entry of the Preliminary Amendment, as follows:

Total claims 23 -	20	=	3	X	\$50.00	=	\$150.00
Independent claims 2 -	3	=		x	\$200.00	=	\$.00
Base Fee						_	\$300.00
Search Fee*							\$400.00
Examination Fee*							\$200.00
Multiple Dependent Claim Fee							\$360.00
TOTAL FILING FEE						_	\$1410.00
Recordation of Assignment						_	\$ 40.00
TOTAL FEE						_	\$1450.00

^{*} The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$1410.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

Country

Application No

Filing Date

Japan

2003-109968

April 15, 2003

Respectfully submitted,

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

for

Michael R. Dawonczyk Registration No. 36,787

John T. Callahan

Registration No. 32,607

WASHINGTON OFFICE

23373

CUSTOMER NUMBER